

Amendment to the Claims

1-4. (Canceled)

5. (Currently amended) An additional welding method for inducing compressive residual stress near a weld zone formed by an initial welding operation in which a horizontal annex is connected to a vertical member, the additional welding method comprising:

_____ using a welding material having a low transformation temperature, which terminates its martensite transformation expansion at room temperature at or near the location where welding is complete, wherein the additional welding method is performed to induce compressive residual stress near a weld zone by an initial welding prior to the additional welding without heat history that is alternation of heating and cooling during the additional welding;

_____ performing an arc welding operation using a material having a low transformation temperature, which terminates its martensite transformation expansion at room temperature at or near the location where welding is complete,

_____ wherein the arc welding operation is performed by moving so that a linear weld line is formed, in turn, along an upper side of the horizontal annex, a side face of the horizontal annex downward linearly along the side face of the horizontal annex, and a lower side of the horizontal annex.

6-11. (Cancelled)